

NORTH DAKOTA CROP, LIVESTOCK, & WEATHER REPORT



USDA, NASS
North Dakota
Field Office

Cooperating With:
NDSU EXTENSION SERVICE,
FARM SERVICE AGENCY,
ND AG WEATHER NETWORK (NDAWN)
and
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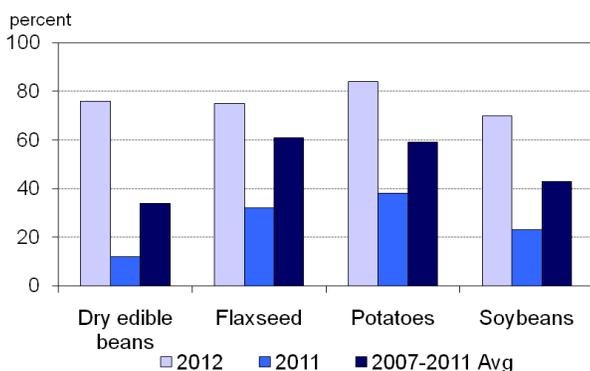
Released: July 16, 2012
For Week Ending: July 15, 2012

General: Amidst warm, dry weather last week, harvest began for some small grains, according to the USDA, National Agricultural Statistics Service, North Dakota Field Office. Warm temperatures accelerated the pace of development for most crops, allowing some to reach maturity. Reporters indicated that crops in some areas were being impacted by low levels of soil moisture. Statewide, on average, there were 6.7 days suitable for fieldwork. Topsoil moisture supplies were rated 14 percent very short, 48 short, 37 adequate, and 1 surplus. Subsoil moisture supplies were rated 11 percent very short, 37 short, 51 adequate, and 1 surplus.

Crops: As of Sunday, 88 percent of barley was in the milk stage and 64 percent of the crop was turning or beyond. Sixty-four percent of Durum wheat was in the milk stage, an increase of 24 percentage points. This is ahead of zero last year and the five-year (2007-2011) average of 20 percent. Ninety percent of spring wheat was in the milk stage and 54 percent was turning, an increase of 27 percentage points from last week. Eighty-six percent of oats were in the milk stage, compared with 6 percent last year and 45 percent on average. Oats advanced 44 percentage points to 59 percent turning, ahead of zero last year and 11 percent on average. Forty-two percent of the corn crop was in the silking stage, compared with 3 percent last year and 11 percent on average. Dry edible beans advanced 38 percentage points to 76 percent blooming, ahead of 12 percent last year and the average of 34 percent. With a 43 percentage point increase from last week, fifty-one percent of dry edible peas were mature on Sunday, ahead of zero last year and 9 percent on average. Seventy-five percent of the flaxseed crop was blooming, compared with 32 percent last year and the average of 61 percent. Forty-seven percent of potatoes had rows filled, ahead of zero last year and 21 percent on average. By Sunday, soybeans had advanced 27 percentage points to 70 percent blooming. Potato and sugarbeet conditions showed improvement from last week while all other crop conditions held steady or declined.

Livestock: Pasture and range conditions were 4 percent very poor, 24 poor, 37 fair, 32 good, and 3 excellent. First cuttings of alfalfa and other hay were 97 percent and 74 percent complete, respectively. Hay conditions were rated 15 percent very poor, 24 poor, 35 fair, 25 good, and 1 excellent. Stockwater supplies were rated 9 percent very short, 27 short, 60 adequate and 4 surplus

**Other Crops Blooming
North Dakota: July 15, 2012**



Crop and Pasture Condition North Dakota: July 15, 2012

Crop	Very poor	Poor	Fair	Good	Excellent
	(percent)	(percent)	(percent)	(percent)	(percent)
Barley	-	4	27	58	11
Durum wheat.....	-	6	28	60	6
Spring wheat.....	-	3	24	60	13
Oats	-	2	31	61	6
Canola	1	3	20	58	18
Corn.....	1	8	29	56	6
Dry Edible Beans	-	7	35	52	6
Dry Edible Peas	-	7	29	54	10
Flaxseed	-	3	18	73	6
Potatoes.....	-	4	20	66	10
Soybeans.....	-	6	32	56	6
Sugarbeets	-	1	19	67	13
Sunflower.....	-	2	28	63	7
Hay	15	24	35	25	1
Pasture and range	4	24	37	32	3

- Represents zero.

Crop Development Progress – North Dakota

(Crop development percents represent all acreage in or beyond each stage. Progress is based on current intended acreage.)

Crop	July 15, 2012	July 8, 2012	July 15, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
Barley				
Headed	99	92	44	77
Milk	88	69	5	43
Turning.....	64	35	-	16
Harvested.....	2	-	-	-
Durum wheat				
Headed	95	85	14	52
Milk	64	40	-	20
Turning.....	17	7	-	3
Harvested.....	-	(NA)	-	-
Spring wheat				
Headed	99	96	39	74
Milk	90	70	7	38
Turning.....	54	27	-	10
Harvested.....	1	-	-	-
Oats				
Headed	96	92	35	75
Milk	86	68	6	45
Turning.....	59	15	-	11
Harvested.....	4	1	-	-
Canola				
Turning.....	24	13	1	6
Corn				
Silking	42	14	3	11
Dry edible beans				
Blooming.....	76	38	12	34
Setting Pods.....	26	3	-	4
Dry edible peas				
Mature.....	51	8	-	9
Harvested.....	2	(NA)	-	-
Flaxseed				
Blooming.....	75	61	32	61
Turning.....	9	3	-	1
Potatoes				
Blooming.....	84	76	38	59
Rows Filled	47	32	-	21
Soybeans				
Blooming.....	70	43	23	43
Setting Pods.....	18	3	-	6
Fully Podded.....	-	(NA)	-	-
Sunflower				
Blooming.....	4	3	1	2

- Represents zero. (NA) Not available.

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NORTH DAKOTA CROP WEATHER REPORT, Week Ending July 15, 2012

**Soil Moisture Supplies
 North Dakota: July 15, 2012**

Date	July 15, 2012	July 8, 2012	July 15, 2011	2007-2011 Average
	(percent)	(percent)	(percent)	(percent)
Topsoil				
Very Short	14	6	-	4
Short	48	36	4	19
Adequate	37	56	61	65
Surplus	1	2	35	12
Subsoil				
Very Short	11	5	-	4
Short	37	27	1	14
Adequate	51	65	59	68
Surplus	1	3	40	14

- Represents zero.

Weather: Temperatures were above normal statewide. Precipitation was above normal in parts of the northwest, south central, and southeast. Highs on Monday were in the mid-80s to mid-90s with a few showers and thunderstorms in the northwest. There were a few showers and thunderstorms in the southwest on Tuesday with highs in the upper 80s to 90s. Highs on Wednesday were in the upper 80s to 90s with showers and thunderstorms in the western and southern areas of the state. Severe thunderstorms with large hail and damaging winds were reported in parts of the southwest and south central on Wednesday. There were showers and thunderstorms in the east on Thursday with highs in the mid-80s to mid-90s. Friday was dry with highs in the upper 80s to 90s. Severe thunderstorms with large hail were reported in parts of the north central and northeast. A tornado was also reported on Thursday in Grand Forks county. Highs on Saturday were in the 80s and 90s with showers and thunderstorms in the western and southern areas of the state. There were showers and thunderstorms in the north on Sunday with highs in the upper 80s to low 100s. Severe thunderstorms with damaging winds were reported in parts of the northwest on Sunday.

Outlook, July 16-July 22: Temperatures will be above normal statewide. Precipitation will be below normal across much of the state. Highs on Monday will be in the upper 70s to mid-90s with a chance of showers and thunderstorms across much of the state. There will be a chance of showers and thunderstorms in the west on Tuesday with highs in the upper 70s to mid-80s. Highs on Wednesday will be in the 80s to low 90s with a chance of showers and thunderstorms in the west and south central. There will be a chance of showers and thunderstorms across much of the state on Thursday with highs in the mid-80s to mid-90s. Friday will be dry with highs in the upper 80s to mid-90s. Highs on Saturday will be in the mid-80s to mid-90s with a chance of showers and thunderstorms in the north. Sunday will be dry with highs in the 80s to low 90s.

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 15, 2012**

District Averages	Average Temperature		Seasonal Precipitation Beginning April 1 ¹		
	Past Week	Depart Normal ²	Past Week	Total	Depart Normal ²
	(degrees F)	(degrees F)	(inches)	(inches)	(inches)
Northwest (1)	76	8	0.21	8.85	1.02
N. Central (2)	73	6	0.02	7.07	-1.24
Northeast (3)	74	5	0.70	8.12	-0.03
W. Central (4)	77	7	0.04	7.55	-0.74
Central (5)	75	5	0.24	9.40	1.15
E. Central (6)	73	3	0.08	6.28	-2.84
Southwest (7)	77	7	0.04	8.14	-0.12
S. Central (8)	78	8	0.04	9.36	1.06
Southeast (9)	75	4	0.35	8.50	-0.83

¹ Precipitation amounts may vary due to an inaccurate snowfall melt. ² Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.

The following links provide further weather-related information and maps for North Dakota:

North Dakota Climatology Working Group provides statewide precipitation maps for the previous week:
<http://www.ndsu.edu/ndsc>

National Weather Service's North Dakota Data:
<http://www.nws.noaa.gov/view/states.php?state=ND>

**Temperature & Precipitation: Districts and Stations
 North Dakota, Week ending July 15, 2012**

Stations by District	Temperature past week		Seasonal precipitation beginning April 1 ¹		
	High	Low	Past Week	Total	Depart normal ²
	(degrees F)	(degrees F)	(inches)	(inches)	(inches)
(1) Bowbells.....	94	59	0.18	9.26	1.18
Williston.....	98	61	0.55	7.40	0.77
Mohall.....	91	57	0.01	9.61	1.60
Minot.....	88	61	0.09	9.15	0.54
(2) Baker.....	89	64	0.00	8.33	0.19
Bottineau.....	90	50	0.04	5.82	-2.56
Rugby.....	90	60	0.03	7.05	-1.35
(3) Cando.....	89	56	0.04	7.45	-0.31
Cavalier.....	94	58	0.35	10.62	2.34
Forest River....	92	59	1.01	6.04	-2.28
Grand Forks....	91	59	0.88	7.30	-0.53
Langdon.....	88	59	1.17	9.97	1.56
St. Thomas.....	88	58	0.73	7.37	-0.95
(4) Hazen.....	96	55	0.06	7.96	-0.73
Turtle Lake.....	95	61	0.01	7.94	-0.61
Watford City....	97	60	0.04	6.76	-0.88
(5) Carrington.....	87	58	0.10	8.27	-1.24
Harvey.....	91	58	0.07	9.73	2.91
Jamestown.....	90	61	0.16	7.82	-0.64
Robinson.....	92	62	0.39	10.43	1.97
Streeter.....	91	62	0.50	10.73	2.74
(6) Dazey.....	88	60	0.07	7.14	-1.87
Fargo.....	92	57	0.02	5.57	-3.58
Hillsboro.....	91	55	0.14	6.12	-3.06
(7) Beach.....	96	59	0.00	6.19	-1.58
Bowman.....	95	57	0.09	7.42	-0.77
Dickinson.....	97	61	0.01	7.93	-0.78
Hettinger.....	96	56	0.05	11.02	2.64
(8) Mandan.....	97	60	0.01	8.42	-0.07
Linton.....	96	62	0.07	10.30	2.19
(9) Edgeley.....	93	59	0.41	8.52	-0.52
Oakes.....	94	58	0.62	9.51	0.45
Wyndmere.....	90	56	0.03	7.47	-2.42

¹ Precipitation amounts may vary due to an inaccurate snowfall melt. ² Normal is the 1971-2000 average. Weather data collected from NDAWN stations and compiled by UND Aerospace Regional Weather Information Center.